Position/Organization
Research Scientist (Advanced Research/Material Informatics) / Fundamental Research Lab

Location
LG Science Park (30, Magokjungang 10-ro, Seoul, South Korea)

Organization Introduction
Research Scientists at Fundamental Research Lab conduct advanced research and development of technologies to solve core problems in the field of A.I. To this end, we are focusing on the research of the latest A.I. technology that goes beyond the limits of current machine learning and deep learning.

Recruitment Fields & Qualifications

Field	Advanced Research	Material Informatics
Responsibility	- Design, implementation, and analysis of algorithms that overcome the limitations of SOTA technologies in the current A.I. field. Publishing with top-tier journal and conference papers on selected outstanding research achievements.	- Deep Learning/Machine Learning algorithm research & development for material property prediction and design - Fundamental research and development on Deep Learning/Machine Learning algorithm - Main application fields: drug discovery, Battery/OLED material, polymer, catalyst discovery
Qualifications	- PhD in A.I. - Authors of A.I. related top-tier conferences and journals. (NeurIPS, ICML, ICLR, CVPR, ICCV, ECCV, ACL, EMNLP, KDD, AAAI, IJCAI, JMLR, PAMI, TACL, etc) - ML/DL based problem solving and new algorithm design ability. - Self-directed research leading capability - Proficient development skills based on ML/DL framework such as PyTorch, Tensorflow, Keras, etc. - Proficient English skills for accurate communication, technical documentation, and publishment.	- Master's degree (M.S.) or Ph.D in a related field - Experience in fundamental research / development on Deep Learning/Machine Learning algorithm (required)
Preferred Qualifications	- AI related Post-Doc or R&D experience in advanced A.I. companies or advanced research institutes. - AI research achievements with high-impact factors (e.g., good citation index such as h-index, award/recognition at top-tier conferences/journals. - Record of SOTA performance in A.I. benchmarks or experience in design, implementation, and commercialization of new ML/DL architecture / algorithm / methodology. - Record of awards in Global AI Competition or Challenge. - Experience as a major contributor activity for AI-related open-source project. - Major: Computer Engineering, Computer Science, Electrical Engineering, and AI related majors.	- Experience in performing DFT simulation, material property prediction/optimization, chemical structure generation tasks using Deep Learning/Machine Learning - Ability to use Machine Learning Framework such as Keras, Tensorflow, PyTorch, Caffe

Process

CV/Application Review → Technical In-depth Interview (Online) → Coding Test (Optional) → Final Interview + Culture Fit (Onsite)

* Our Hiring process may differ from role to role. We will provide detail guidelines after we receive your application.